

REMARKS

Claims 1-13 and 20-32 are pending in this application. Claim 32 is newly added to present alternative language. Claims 14-19 were previously cancelled.

On October 9, 2003 a telephone discussion/interview was held with the Examiner regarding this application. The courteousness extended by the Examiner is very much appreciated. This reply sets forth in written form many of the comments presented during the interview.

The claims are amended to more clearly define the invention. Claim 1 is amended to require that the effective electrical length of the track from which the material is removed is increased. Support for this amendment to claim 1 is found from page 9, line 22 to page 10, line 14 of the specification as originally filed; especially at lines 12-14 of page 10 where it is disclosed that the tracks can be manufactured, initially, so that they are “electrically shorter than the optimum lengths at the required operating frequency” which can only mean that the removal) of conductive material increases the electrical length. Claim 32 is added to present alternative language compared to amended claim 1. Specifically, claim 32 requires that the “removing conductive material from at least one of the tracts to ... make the track electrically longer....” Support for this limitation in claim 32 is also found from page 9, line 22 to page 10, line 14 of the specification as originally filed; especially at lines 12-14 of page 10 where as noted above it is disclosed that the tracks can be manufactured, initially, so that they are “electrically shorter than the optimum lengths at the required operating frequency” which can only mean that the

removal of conductive material increases the electrical length. The amendment to the claims does not add new matter.

Claims 29 and 30 were rejected under 35 U.S.C. § 112, second paragraph, as indefinite. The examiner's careful consideration of the particular language of claims 29 and 30 is appreciated. Claims 29 and 30 (and 13) are amended to recite the phrase "towards a phase difference of 90°."

Accordingly, withdrawal of this rejection is respectfully requested.

Claims 1 and 29-31 stand rejected under 35 U.S.C. § 102(e) as anticipated by Filipovic, et al. (i.e., U.S. Patent No. 5,990,847, hereinafter Filipovic). As noted above, claim 1 is amended to explicitly require that the removal of material increases the effective electrical length of the track. As noted above, claim 32 is added to explicitly require that the removal of material makes the tract electrically longer.

In contrast to the invention, Filipovic only teaches shortening the physical length of his radiator segments 708, 710 in Fig. 8A of Filipovic. This shortening of the segments 708, 710 is evident in Filipovic from the fact that each segment 708, 710 of Filipovic has a free end which can be cut back. The physical shortening of Filipovic reduces the effective electrical length of the segment 708 and/or 710 and will, therefore, inevitably (inherently) decrease the inductance of that Filipovic segment.

Accordingly, withdrawal of this rejection is respectfully requested

In section 5, page 1 of the Action and at page 4 of the Action, the Examiner indicates that claims 5-9, 20-27 and 30 (sic) are allowed. This indication of allowed claims is very much appreciated.

In section 7, page 1 of the Action and at page 4 of the Action, the Examiner indicates that claims 2-4, 10-13 and 28 would be allowable if rewritten to include all the limitations of the base claim and any intervening claims. This indication of allowable subject matter is very much appreciated.

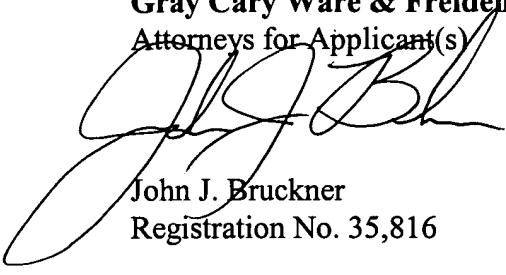
Other than as explicitly set forth above, this reply does not include acquiescence to statements by the Examiner. In view of the above, all the claims are considered patentable and allowance of all the claims is respectfully requested. The Examiner is invited to telephone the undersigned (at direct line 512-457-7233) for prompt action in the event any issues remain.

In accordance with 37 CFR 1.136(a) pertaining to patent application processing fees, Applicant requests an extension of time from September 10, 2003 to October 10, 2003 in which to respond to the Office Action dated June 10, 2003. A notification of extension of time is filed herewith.

The Commissioner is hereby authorized to charge any fees or credit any overpayments to
Deposit Account No. 50-0456 of Gray Cary Ware & Freidenrich, LLP.

Respectfully submitted,

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